INDEX TO VOLUME 83

Age changes revealed by carbonyl reagents in tissue sections. By S. Albert and C. P. Leblond, 183
Aitken, J. T. The effect of peripheral connexions on the maturation of regenerating nerve fibres, 32
Albert, S. and Leblond, C. P. Age changes revealed by carbonyl reagents in tissue sections, 183
Alkaline phosphatase activity in normal and degenerated peripheral nerves of the rabbit. By June Marchant, 227
Alkaline phosphatase, diffusion phenonenon complicating the histochemical reaction for. By B. F. Martin and F. Jacoby, 351
Alkaline phosphatase in the uterine epithelium of the rat. By J. J. Pritchard, 10
Apparatus, an injection, incorporating a maximum pressure safety device. By R. W. Weeks and V. C. Tindley, 99
Australian aborigine, a comparison of endocranial cast and brain of an. By A. D. Packer, 195

Barlow, T. E. An unusual anomaly of M. flexor digitorum longus, 224
Baxter, J. S. *See* Yoffey, J. M., joint authors, 89
Beck, Elisabeth. A cytoarchitectural investigation into the boundaries of cortical areas 13 and 14 in the human brain, 147
Bellairs, A. d'A. Observations on the snout of *Varanus*, and a comparison with that of other lizards and snakes, 116
Billingham, R. E. Dendritic cells in pigmented human skin, 109
Bones, muscles and vitamin C. By P. D. F. Murray and E. Kodicek. Part I, 158. Part II, 205. Part III, 285
Book Reviews:
- The Anatomy of *Semnopithecus entellus*. By Ananthanarayana Ayer. Reviewed by W. C. Osman Hill, 283
- Cardiovascular Studies. By Kenneth J. Franklin. Reviewed by J. M. Yoffey, 45
- Chronic Structural Low-backache due to Low-back Structural Derangement. By R. A. Roberts. Reviewed by R. D. Lockhart, 44
- Cunningham's Manual of Practical Anatomy. 11th edition. Edited by J. C. Brash. Reviewed by C. M. West, 386
- Detailed Atlas of the Head and Neck. By Raymond C. Truex and Carl E. Kelever. Reviewed by A. J. E. Cave, 283
- Evolution of the Forebrain. By G. W. H. Schepers. Reviewed by F. Goldby, 386
- Gynaecological and Obstetrical Anatomy. By C. F. V. Smout and F. Jacoby. Reviewed by W. J. Hamilton, 44
- Human Embryology and Morphology. By Sir Arthur Keith. Reviewed by C. M. West, 176
- Lehrbuch der Embryologie. By W. Brandt. Reviewed by J. D. Boyd, 387
- Living Anatomy. A photographic Atlas of Muscles in Action and Surface Contours. By R. D. Lockhart. Reviewed by J. Whillis, 176
- Neurological Anatomy in Relation to Clinical Medicine. By A. Brodal. Reviewed by G. J. Romanes, 385

Boyd, J. D. Book review. Lehrbuch der Embryologie. By W. Brandt, 387
Brain, a comparison of endocranial cast and, of an Australian aborigine. By A. D. Packer, 195
Brain, human, a cytoarchitectural investigation into the boundaries of cortical areas 13 and 14 in the. By Elisabeth Beck, 147

Carbonyl reagents, age changes revealed by, in tissue sections. By S. Albert and C. P. Leblond, 183
Cave, A. J. E. Book review. Detailed Atlas of the Head and Neck. By Raymond C. Truex and Karl E. Kelever, 283
Chacko, L. W. A preliminary study of the distribution of cell size in the lateral geniculate body, 254
Chang, Hsiang-Tung and Ruch, Theodore C. The projection of the caudal segments of the spinal cord to the lingula in the spider monkey, 303
— — Spinal origin of the ventral supraoptic decussation (Gudden's commissure) in the spider monkey, 1
Comparison of endocranial cast and brain of an Australian aborigine. By A. D. Packer, 195
Cytoarchitectural investigation into the boundaries of cortical areas 13 and 14 in the human brain. By Elisabeth Beck, 147

Dendritic cells in pigmented human skin. By R. E. Billingham, 109
Development of mouse hair *in vitro* with some observations on pigmentation. By Margaret H. Hardy, 364
Diffusion phenomenon complicating the histochemical reaction for alkaline phosphatase. By B. F. Martin and F. Jacoby, 351
Distribution of the vasal and cremasteric arteries to the testis and their functional importance. By R. G. Harrison, 267
Durward, A. and Rudall, K. M. Studies on hair growth in the rat, 325

Effect of peripheral connexions on the maturation of regenerating nerve fibres. By J. T. Aitken, 32
Embryos, two early human. By W. R. M. Morton, 308
Endocranial cast and brain of an Australian aborigine, a comparison of. By A. D. Packer, 195

Fishes, internode lengths in the nerves of. By P. K. Thomas and J. Z. Young, 336
Foster, C. L. The use of Safranin-O for the demonstration of cytoplasmic nucleoproteins, 101

Gland, suprarenal, of the adult male rat, histochemical changes in the. By J. M. Yoffey and J. S. Baxter, 89
Glycogen, a new histochemical method for. By J. J. Pritchard, 30

Goldby, F. Book review. Evolution of the Forebrain. By G. W. H. Schepers, 386
(Gudden's commissure), spinal origin of the ventral supraoptic decussation, in the spider monkey. By Hsiang-Tung Chang and Theodore C. Ruch, 1

Hair growth in the rat, studies on. By A. Durward and K. M. Rudall, 325
Hair, mouse, the development of, *in vitro*, with some observations on pigmentation. By Margaret H. Hardy, 364
Hamilton, W. J. Book review. Gynaecological and Obstetrical Anatomy. By C. F. V. Smout and F. Jacoby, 44
Hardy, Margaret H. The development of mouse hair *in vitro* with some observations on pigmentation, 364
Harrison, R. G. The distribution of the vasal and cremasteric arteries to the testis and their functional importance, 267
Harrison, R. J. Observations on the female reproductive organs of the Ca'aing whale *Globiocephala melaena* Traill, 238
Hill, W. C. Osman. Book review. The Anatomy of *Semnopithecus entellus*. By Ananthanarayana Ayer, 283
Histochemical changes in the suprarenal gland of the adult male rat. By J. M. Yoffey and J. S. Baxter, 89

In Memoriam:
John Kay Jamieson (with portrait), 47
Charles Joseph Patten (with portrait), 178
Arthur Robinson (with portrait), 179
George Linius Streeter (with portrait), 51
Injection apparatus incorporating a maximum pressure safety device. By R. W. Weeks and V. C. Tindley, 99
Internode lengths in the nerves of fishes. By P. K. Thomas and J. Z. Young, 336

Jacoby, F. *See* Martin, B. F., joint authors, 351
Jamieson, John Kay. In Memoriam (with portrait), 47
Jaws, limbs and, in man, the size relationships of. By R. H. Shepherd, D. A. Sholl and A. Vizoso, 296

Kodicek, E. *See* Murray, P. D. F., joint authors, 158, 205, 285

Lateral geniculate body, a preliminary study of the distribution of cell size in the. By L. W. Chacko, 254
Leblond, C. P. *See* Albert, S., joint authors, 183
Limbs and jaws in man, the size relationships of. By R. H. Shepherd, D. A. Sholl and A. Vizoso, 296
Lizards and snakes, observations on the snout of *Varanus*, and a comparison with that of other. By A. d'A. Bellairs, 116
Lockhart, R. D. Book review. Chronic Structural Low-backache due to Low-back Structural Derangement. By R. A. Roberts, 44
Lower limit of the spinal cord in South Indian foetuses. Anatomical note. By Sitarama Rao, 175

Mandl, Anita M. and S. Zuckerman. Ovarian autografts in monkeys, 315
Marchant, June. Alkaline phosphatase activity in normal and degenerated peripheral nerves of the rabbit, 227
Martin, B. F. and Jacoby, F. Diffusion phenomenon complicating the histochemical reaction for alkaline phosphatase, 351
Menzies, Gordon. Some new observations upon the granules of the oxyntic cells of normal rats, 25
Monkeys, ovarian autografts in. By Anita M. Mandl and S. Zuckerman, 315
Morton, W. R. M. Two early human embryos, 308
Mouse hair, the development of, *in vitro*, with some observations on pigmentation. By Margaret M. Hardy, 364
M. flexor digitorum longus, an unusual anomaly of. By T. E. Barlow, 224
Murray, P. D. F. and Kodicek, E. Bones, muscles and vitamin C. Part I, 158. Part II, 205. Part III, 285

Nerve fibres, regenerating, the effect of peripheral connexions on the maturation of. By J. T. Aitken, 32
Nerves of fishes, internode lengths in the. By P. K. Thomas and J. Z. Young, 336
Nerves, normal and degenerated peripheral, of the rabbit, alkaline phosphatase activity in. By June Marchant, 227
New histochemical method for glycogen. By J. J. Pritchard, 30
Nucleoproteins, cytoplasmic, the use of Saffranin-O for the demonstration of. By C. L. Foster, 101

Observations on the female reproductive organs of the Ca'aing whale *Globiocephala melaena* Traill. By R. J. Harrison, 238
Observations on the snout of *Varanus*, and a comparison with that of other lizards and snakes. By A. d'A. Bellairs, 116.
Ovarian autografts in monkeys. By Anita M. Mandl and S. Zuckerman, 315
Oxyntic cells, some new observations upon the granules of the, of normal rats. By Gordon Menzies, 25

Packer, A. D. A comparison of endocranial cast and brain of an Australian aborigine, 195
Patten, Charles Joseph. In Memoriam (with portrait), 178
Phosphatase, alkaline, diffusion phenomenon complicating the histochemical reaction for. By B. F. Martin and F. Jacoby, 351
Phosphatase, alkaline, in the uterine epithelium of the rat. By J. J. Pritchard, 10
Preliminary study of the distribution of cell size in the lateral geniculate body. By L. W. Chacko, 254
Pritchard, J. J. Alkaline phosphatase in the uterine epithelium of the rat, 10
— A new histochemical method for glycogen, 30
Proceedings of the Anatomical Society of Great Britain and Ireland, 53 (*See* supplementary index)
Projection of the caudal segments of the spinal cord to the lingula in the spider monkey. By Hsiang-Tung Chang and Theodore C. Ruch, 303

Rabbit, alkaline phosphatase activity in normal and degenerated peripheral nerves of the. By June Marchant, 227

Rao, Sitarama. The lower limit of the spinal cord in South Indian foetuses. Anatomical Note, 175
Rat, adult male, histochemical changes in the suprarenal gland of the. By J. M. Yoffey and J. S. Baxter, 89
Rat, alkaline phosphatase in the uterine epithelium of the. By J. J. Pritchard, 10
Rat, studies on hair growth in the. By A. Durward and K. M. Rudall, 325
Rats, normal, some new observations upon the granules of the oxyntic cells of. By Gordon Menzies, 25
Reproductive organs, observations on the female, of the Ca'aing whale *Globiocephala melaena* Traill. By R. J. Harrison, 238
Robinson, Arthur. In Memoriam (with portrait), 179
Romanes, G. J. Book review. Neurological Anatomy in Relation to Clinical Medicine. By A. Brodal, 385
Ruch, Theodore C. *See* Chang, Hsiang-Tung, joint authors, 1
Rudall, K. M. *See* Durward, A., joint authors, 325

Saffranin-O, the use of, for the demonstration of cytoplasmic nucleoproteins. By C. L. Foster, 101
Shepherd, R. H., Sholl, D. A. and Vizoso, A. The size relationships of limbs and jaws in man, 296
Sholl, D. A. *See* Shepherd, R. H., joint authors, 296
Size relationships of limbs and jaws in man. By R. H. Shepherd, D. A. Sholl and A. Vizoso, 296
Skin, pigmented human, dendritic cells in. By R. E. Billingham, 109
Some new observations upon the granules of the oxyntic cells of normal rats. By Gordon Menzies, 25
Spider monkey, the projection of the caudal segments of the spinal cord to the lingula in the. By Hsiang-Tung Chang and Theodore C. Ruch, 303
Spider monkey, spinal origin of the ventral supraoptic decussation (Gudden's commissure) in the. By Hsiang-Tung Chang and Theodore C. Ruch, 1
Spinal cord in South Indian foetuses, the lower limit of the. Anatomical Note. By Sitarama Rao, 175
Spinal cord, the projection of the caudal segments of the, to the lingula, in the spider monkey. By Hsiang-Tung Chang and Theodore C. Ruch, 303
Spinal origin of the ventral supraoptic decussation (Gudden's commissure) in the spider monkey. By Hsiang-Tung Chang and Theodore C. Ruch, 1
Streeter, George Linius. In Memoriam (with portrait), 51
Studies on hair growth in the rat. By A. Durward and K. M. Rudall, 325
Suprarenal gland, of the adult male rat, histochemical changes in the. By J. M. Yoffey and J. S. Baxter, 89

Testis, the distribution of the vasal and cremasteric arteries to the, and their functional importance. By R. G. Harrison, 287
Thomas, P. K. and Young, J. Z. Internode lengths in the nerves of fishes, 336
Tindley, V. C. *See* Weeks, R. W., joint authors, 99
Tissue sections, age changes revealed by carbonyl reagents in. By S. Albert and C. P. Leblond, 183
Two early human embryos. By W. R. M. Morton, 308

Unusual anomaly of M. flexor digitorum longus. By T. E. Barlow, 224
Use of Saffranin-O for the demonstration of cytoplasmic nucleo-proteins. By C. L. Foster, 101
Uterine epithelium of the rat, alkaline phosphatase in the. By J. J. Pritchard, 10

Varanus, observations on the snout of, and a comparison with that of other lizards and snakes. By A. d'A. Bellairs, 116
Vitamin C, bones, muscles and. By P. D. F. Murray and E. Kodicek. Part I, 158. Part II, 205. Part III, 285
Vizoso, A. *See* Shepherd, R. H., joint authors, 296

Weeks, R. W. and Tindley, V. C. An injection apparatus incorporating a maximum pressure safety device, 99
West, C. M. Book review. Cunningham's Manual of Practical Anatomy. 11th edition. Edited by J. C. Brash, 386
— Book review. Human Embryology and Morphology. By Sir Arthur Keith, 176
Whale, Ca'aing, *Globiocephala melaena* Traill, observations on the female reproductive organs of the. By R. J. Harrison, 238
Whillis, J. Book review. Living Anatomy. A Photographic Atlas of Muscles in Action and Surface Contours. By R. D. Lockhart, 176

Yoffey, J. M. Book review. Cardiovascular studies. By Kenneth J. Franklin, 45
Yoffey, J. M. and Baxter, J. S. Histochemical changes in the suprarenal gland of the adult male rat, 89
Young, J. Z. *See* Thomas, P. K., joint authors, 336

Zuckerman, S. *See* Mandl, Anita M., joint authors, 315

SUPPLEMENTARY INDEX OF PROCEEDINGS

Aitken, J. T. Effect of peripheral connexions on the maturation of regenerating nerves, 77
Alkaline phosphatase activity in the renal tubules. By J. S. Baxter, 82
Alkaline phosphatase in the uterine epithelium of the rat. By J. J. Pritchard, 71
Alkaline phosphatase and vitamin C deficiency in regeneration of skull bones. By G. H. Bourne, 61
Allison, A. C. The histology of the stomach in the insectivora, 69
Amoroso, E. C. The vascular and endometrial relations of the placenta of the sow, 59
Androgens, stimulation of the seminiferous epithelium of immature monkeys with. By T. L. Krohn and S. Zuckerman, 63
Area 4, the localization of efferents from, in the internal capsule and corpus callosum of the macaque. By P. Glees, 76
Ashley, G. T. On the insertion of the pectoralis major, 68
Axis cylinder, the myelothecal apparatus of the. By M. A. MacConaill, 57

Bacsich, P. and Hamilton, W. J. Supravital staining experiments on the tubal ova of the rabbit, 62
Bacsich, P. and Wyburn, G. M. Subcutaneous homo- and heterografts of the umbilical cord, 74
Barcroft, H. and Hamilton, C. T. C. Results of sympathectomy in the upper limb, 58
Barer, R. Phase contrast microscopy in Anatomy, 61
— The reflecting microscope in anatomical research, 73
Baxter, J. S. Alkaline phosphatase activity in the renal tubules, 82
Bellairs, A. d'A. Observations on the snout of *Varanus*, 84
Bolt, D. E. and Yoffey, J. M. Inability to detect macrophages in degenerating nerves, 79
Bone formation. By A. Slessor and G. M. Wyburn, 62
Bourne, G. H. Alkaline phosphatase and vitamin C deficiency in regeneration of skull bones, 61
— Some observations on the mammalian adrenal gland, 70
Boyd, J. D. Argentaffin dendritic cells in urogenital epithelium of male mammalian embryos, 83
— Argentophil cells in foetal ectodermal epithelia, 74
Brierley, J. B. and Field, E. J. The retro-orbital tissues as a site of functional connexion between the subarachnoid space and the lymphatic system, 77
Brierley, J. B., Field, E. J. and Yoffey, J. M. Passage of indian ink particles from the cranial subarachnoid space, 77
Bronchioles, mapping the epithelium of the finer, by supravital silverization. By C. C. Macklin, 83

Caecum, human, blood supply of the. By W. C. Osman Hill, 65
Caecum of the Hyracoidea. By R. E. Rewell, 69
Capener, N. Physiological splintage, 71
Causey, G. The effect of pressure on nerve fibre size, 75
Chacko, L. The laminar pattern of the lateral geniculate body in man and the lower primates, 56
Channell, C. D. and Whillis, J. The effect of ulnar nerve block at the level of the pisiform bone on movements of the ring finger, 71
Conceptus, a pre-villous human, of about 10 days of age. By W. R. M. Morton, 86
Cranial subarachnoid space, passage of indian ink particles from the. By J. B. Brierley, E. J. Field and J. M. Yoffey, 77
Crawford, G. N. C. and Barer, R. The action of fixatives on living cells as studied by phase-contrast microscopy, 73

Davies, J. The arterial blood supply of the Wolffian body in the sheep, 73
Davies, J. and Davies, D. V. The mesonephros of the sheep, 72
Dawson, B. H. The blood supply of the optic chiasma, 64
Dendritic cells, argentaffin, in urogenital epithelium of male mammalian embryos. By J. D. Boyd, 83

Enteric innervation, some problems in. By D. H. L. Evans, 59
Evans, D. H. L. Some problems in enteric innervation, 59
Eyelids, Voluntary eversion of the. (Film.) By R. D. Lockhart, 84

Feindel, W. H. The pattern of innervation in the muscle-spindle of the rabbit, 56
Feindel, W. H. and Allison, A. C. Intravital methylene blue as a method for staining degenerating fibres in the central nervous system, 78
Fell, W. A. The effect of sympathectomy on the size of Haversian canals in the cat, 67
Femur, some features of the interlocking pattern at the upper epiphysial surface of the, with reference to 'slipped epiphysis'. By F. W. Fyfe, 85
Field, E. J. and Brierley, J. B. The anatomy of the spinal nerve root lymphatic drainage, 76
Finger, ring, the effect of ulnar nerve block at the level of the pisiform bone on movements of the. By C. D. Channell and J. Whillis, 71
Fixatives, the action of, on living cells as studied by phase-contrast microscopy. By G. N. C. Crawford and R. Barer, 73
Frankenhaeuser, B. A method of determining the cutaneous distribution of a sensory nerve by means of action potential recording, 57
Fyfe, F. W. Some features of the interlocking pattern at the upper epiphysial surface of the femur with reference to 'slipped epiphysis', 85

Gland, adrenal, some observations on the mammalian. By G. H. Bourne, 70
Gland, mammary, the problem of contractile tissues in the. By K. C. Richardson, 58

Gland, parotid, in relation to the facial nerve. By J. McKenzie, 60
Gland, pineal, the uptake of radioactive tracers by the. By M. Reiss, F. E. Badrick and J. M. Halkerston, 81
Glees, P. The localization of efferents from Area 4 in the internal capsule and corpus callosum of the macaque, 76
Gonads, the vascular and nervous connexions of the retina concerned in the responses of the, to light. By A. P. D. Thomson and S. Zuckerman, 63

Harper, W. F. Further observations on the blood vessels of the nasal mucous membrane in mammals, 61
Harris, G. W. Ovulation in the rabbit, 82
Harrison, R. J. Observations on the ovary and reproductive tract of the Ca'aing whale, *Globiocephala melaena* Traill, 72
— The vascular supply to the human testis, 61
Haversian canals in the cat, the effect of sympathectomy on the size of. By W. A. Fell, 67
Heart muscle, an investigation into the regenerative capacity of mammalian. By E. W. Walls, 66
Heart, the structure of autonomic nervous tissue in the right atrium of the, in some mammals. By H. A. Meyling, 66
Hill, W. C. Osman. Blood supply of the human caecum, 65
Hinshaw, J. R. The pattern of innervation in the iris, 75
Hyracoidea, the caecum of the. By R. E. Rewell, 69

Iliac vessels in man, the nerve supply of the. By F. R. Wilde, 85
Insectivora, the histology of the stomach in the. By A. C. Allison, 69
Iris, the pattern of innervation in the. By J. R. Hinshaw, 75

Joseph, J. Quantitative nuclear changes in the peripheral stump of the greater splanchnic nerve of the rabbit, 55

Knee joint, the innervation of the articular capsule of the. By E. P. Samuel, 80

Lasnitzki, A. Investigations on the conversion of lymph-nodes into haemolymph-nodes, 59
Lateral geniculate body, the laminar pattern of the, in man and the lower primates. By L. Chacko, 56
Ligaments, the intervertebral, as a source of segmental pain. By D. C. Sinclair, 69
Limb, upper, results of sympathectomy in the. By H. Barcroft and C. T. C. Hamilton, 58
Lockhart, R. D. Voluntary eversion of the eyelids. (Film), 84
Lymph-nodes, investigations on the conversion of, into haemolymph-nodes. By A. Lasnitzki, 59

MacConaill, M. A. The myelothecal apparatus of the axis cylinder, 57
McKenzie, J. The parotid gland in relation to the facial nerve, 60
Macklin, C. C. Mapping the epithelium of the finer bronchioles by supravital silverization, 83
Matthews, L. Harrison. The uterine mucosa in Balaenopterid whales, 87
Mesonephros of the sheep. By J. Davies and D. V. Davies, 72
Meyling, H. A. The structure of autonomic nervous tissue in the right atrium of the heart in some mammals, 66
— Structure and significance of the peripheral autonomic nervous system, 78
Michaelson, I. C. Vascular morphogenesis in the retina of the cat, 64
Microscope, the reflecting, in anatomical research. By R. Barer, 73
Microscopy, phase contrast, in Anatomy. By R. Barer, 61
Morton, W. R. M. A pre-villous human conceptus of about 10 days of age, 86
Mucous membrane, nasal, further observations on the blood vessels of the, in mammals. By W. F. Harper, 61
Muscle, the effect of increasing the functional load of a, on the composition of its motor nerve. By C. H. A. Wedeles, 57
Muscle-spindle of the rabbit, the pattern of innervation in the. By W. H. Feindel, 56
Muscles, the action of the lumbrical and interosseus, in some of the muscle movements of the digits. By J. Whillis and G. D. Channell, 60

Nerve, facial, the parotid gland in relation to the. By J. McKenzie, 60
Nerve fibre size, the effect of pressure on. By G. Causey, 75
Nerve fibres, narrowing of, at the nodes of Ranvier. By J. Z. Young, 55
Nerve, greater splanchnic, of the rabbit, quantitative nuclear changes in the peripheral stump of the. By J. Joseph, 55
Nerve homografts, the fate of, in the rabbit. By F. K. Sanders, 80
Nerve, sensory, a method of determining the cutaneous distribution of a, by means of action potential recording. By B. Frankenhaeuser, 57
Nerves, degenerating, inability to detect macrophages in. By D. E. Bolt and J. M. Yoffey, 79
Nerves, effect of peripheral connexions on the maturation of regenerating. By J. T. Aitken, 77
Nervous system, central, intravital methylene blue as a method for staining degenerating fibres in the. By W. H. Feindel and A. C. Allison, 78
Nervous system, structure and significance of the peripheral autonomic. By H. A. Meyling, 78

Optic chiasma, the blood supply of the. By B. H. Dawson, 64
Ova, tubal, of the rabbit, supravital staining experiments on the. By P. Bacsich and W. J. Hamilton, 62
Ovary and reproductive tract of the Ca'aing whale, *Globiocephala melaena* Traill, observations on the. By R. J. Harrison, 72
Ovulation in the rabbit. By G. W. Morris, 82

Pain sensibility in deep somatic structures. By G. Weddell, W. H. Feindel and D. C. Sinclair, 75
Passage of indian ink particles from the cranial subarachnoid space. By J. B. Brierley, E. J. Field and J. M. Yoffey, 77
Patterson, E. L. The arterial blood supply of the sympathetic trunks in man, 79

Pectoralis major, on the insertion of the. By G. T. Ashley, 68
Placenta of the sow, the vascular and endometrial relations of the. By E. C. Amoroso, 59
Pritchard, J. J. Alkaline phosphatase in the uterine epithelium of the rat, 71

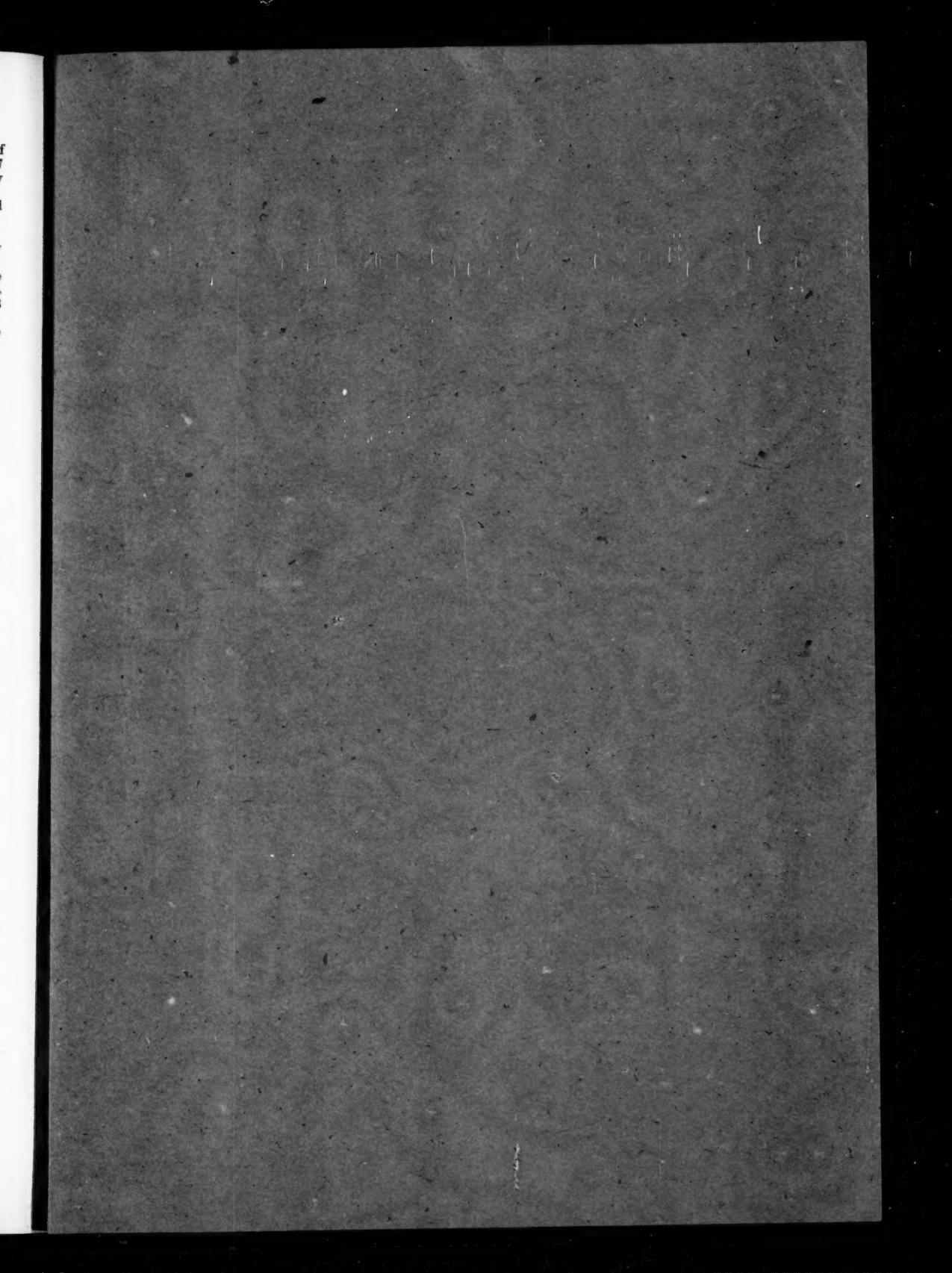
Reiss, R., Badrick, F. E. and Halkerston, J. M. The uptake of radio-active tracers by the pineal gland, 81
Renal tubules, alkaline phosphatase activity in the. By J. S. Baxter, 82
Retina of the cat, vascular morphogenesis in the. By I. C. Michaelson, 64
Retina, the vascular and nervous connexions of the, concerned in the response of the gonads to light. By A. P. D. Thomson and S. Zuckerman, 63
Retro-orbital tissues as a site of functional connexion between the subarachnoid space and the lymphatic system. By J. B. Brierley and E. J. Field, 77
Rewell, R. E. The caecum of the Hyracoidea, 69
Richardson, K. C. The problem of contractile tissues in the mammary gland, 58
Robinson, F. B. and Yoffey, J. M. Effects of cold and adrenaline on the suprarenal cortex of the adult male Wistar rat, 81

Samuel, E. P. The innervation of the articular capsule of the knee joint, 80
Sanders, F. K. The fate of nerve homografts in the rabbit, 79
Seminiferous epithelium, stimulation of the, of immature monkeys, with androgens. By T. L. Krohn and S. Zuckerman, 63
Sinclair, D. C. The intervertebral ligaments as a source of segmental pain, 69
Skull bones, alkaline phosphatase and vitamin C deficiency in regeneration of. By G. H. Bourne, 61
Slessor, A. and Wyburn, G. M. Bone formation, 62
Spinal nerve root lymphatic drainage, the anatomy of the. By E. J. Field and J. B. Brierley, 76
Splintage, physiological. By N. Capener, 71
Staining, degenerating fibres in the central nervous system, intravital methylene blue as a method for. By W. H. Feindel and A. C. Allison, 78
Stomach, the histology of the, in the insectivora. By A. C. Allison, 69
Suprarenal cortex of the adult male Wistar rat, effects of cold and adrenaline on the. By F. B. Robinson and J. M. Yoffey, 81
Supravital staining experiments on the tubal ova of the rabbit. By P. Bacsich and W. J. Hamilton, 62
Sympathectomy, the effect of, on the size of Haversian canals in the cat. By W. A. Fell, 67
Sympathectomy, results of, in the upper limb. By H. Barcroft and C. T. C. Hamilton, 58
Sympathetic trunks in man, the arterial blood supply of the. By E. L. Patterson, 79

Testis, human, the vascular supply to the. By R. J. Harrison, 61
Thomson, A. P. D. and Zuckerman, S. The vascular and nervous connexions of the retina concerned in the response of the gonads to light, 63

Ulnar nerve block, the effects of, at the level of the pisiform bone on movements of the ring finger. By C. D. Channell and J. Whillis, 71
Umbilical cord, subcutaneous homo- and heterografts of the. By P. Bacsich and G. M. Wyburn, 74
Urogenital epithelium, argentaffin dendritic cells in, of male mammalian embryos. By J. D. Boyd, 83
Uterine epithelium of the rat, alkaline phosphatase in the. By J. J. Pritchard, 71
Uterine mucosa in Balaenopterid whales. By L. Harrison Matthews, 87

Varanus, observations on the snout of. By A. d'A. Bellairs, 84
Vitamin C deficiency, alkaline phosphatase and, in regeneration of skull bones. By G. H. Bourne, 61

Walls, E. W. An investigation into the regenerative capacity of mammalian heart muscle, 66
Weddell, G., Feindel, W. H. and Sinclair, D. C. Pain sensibility in deep somatic structures, 75
Wedeles, C. H. A. The effect of increasing the functional load of a muscle on the composition of its motor nerve, 57
West, C. M. Human remains from Wookey Hole, 86
Whale, Ca'aing, *Globiocephala melaena* Traill, observations on the ovary and reproductive tract of the. By R. J. Harrison, 72
Whales, Balaenopterid, uterine mucosa in. By L. Harrison Matthews, 87
Whillis, J. and Channell, G. D. The action of the lumbrical and interosseous muscles in some of the movements of the digits, 60
Wilde, F. R. The nerve supply of the iliac vessels in man, 85
Wolffian body in the sheep, the arterial blood supply of the. By J. Davies, 73
Wookey Hole, human remains from. By C. M. West, 86

Young, J. Z. Narrowing of nerve fibres at the nodes of Ranvier, 55